Page 1 of 3

IBM DOCKET: TUC920030144US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inver	ntor, I hereby declare that:		
My residence, post offic	ce address and citizenship are as states	l below next to my name;	
I believe I am the origi inventor (if plural name the invention entitled:	nal, first and sole inventor (if only on sare listed below) of the subject man	one name is listed below) or an original, firster which is claimed and for which a patent is	st and join is sought on
DECREASED RESPO	NSE TIME FOR PPRC WRITE O	PERATION	
the specification of which	ch (check one)		
XX is attached hereto was filed on as Application and was amend	Serial Number	_ (if applicable).	
I hereby state that I hav		nts of the above identified specification, inc	cluding the
I acknowledge the duty Federal Regulations, Sec	to disclose information which is matter 1.56.	aterial to patentability as defined in Title 3	7, Code of
tor barent or invelled 2	cerulicate listed below and have also	States Code, Section 119 of any foreign app identified below any foreign application fo lication on which priority is claimed:	plication(s) or patent or
Prior Foreign Application	n(s)		
Number	Country	Date	
States application in the acknowledge the duty to	manner provided by the first parage of disclose information which is matter than 1.56, which occurred between the	Section 120 of any United States application of this application is not disclosed in the property of Title 35, United States Code, Secterial to patentability as defined in Title 37 of filing date of the prior application and the results of the prior application and the prior application and the prior application and the prior application application and the prior application application application and the prior application applica	rior United tion 112, I
Number	<u>Date</u>	<u>Status</u>	
I hereby declare that all	statements made herein of my own	knowledge are true and that all statements	J

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IBM DOCKET: TUC920030144US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 2 of 3

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Dan Shifrin	#34,473	John H. Holcombe	#20,620
Jean M. Barkley	#39,541	Paik Saber	#37,494
Randall J. Bluestone	#40,518	Robert M. Sullivan	#39,391
Dale M. Crockatt	#35,109	John C. Kennel	#48,562
Abdy Raissinia	#38,686	John E. Hoel	#26,279
Edward A. Pennington	#32,588	Allen K. Bates	#50,276
William D. Gill	#44,124	Bryan W. Butler	#44,043
Christopher A. Hughes	#26,914	Barry J. Swanson	#33,215
Thomas D. Bratschun	#32,966	Margaret M. Wall	#33,462
Rosemary Kellogg	#39,726	Darla G. Yoerg	#48,053
Steven N. Hird	#51,112	James L. Brown	#48,576

SEND CORRESPONDENCE TO:

Dan Shifrin Swanson & Bratschun, LLC 1745 Shea Center Drive, Suite 330 Highlands Ranch, Colorado 80129 CUSTOMER NUMBER 35825

DIRECT TELEPHONE CALLS TO:

Dan Shifrin 303.268.0066 303.268.0065 (FAX) CUSTOMER NUMBER 35825

Full Name of Sole or	r FIRST and/or joint-inventor:	James C. Chen
Inventor's Signature:	James C. Chen	Date: 11-18-2003
Citizenship:	Tucson, Arizona United States	
Post Office Address:	SSOO March Valle Dand Wilder	ueson, Arizona 85750
	6840 W. BELMENTR	D NUCSON AZ 85743 J.C.
Full Name of Sole or	SECOND and/or joint-inventor:	Minh-Ngoc L. Huynh
Inventor's Signature:		Date:
Residence:	San Jose, California	Date.
Citizenship:	United States	
Post Office Address:	6367 Pearlroth Drive, San Jose, Cali	

TORK DACKED	TUC920030144US1
INVITURE KEE	TTUTO70070144T101
	エ しんりをいいりいませいいき

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 3 of 3		
Full Name of Sole or	THIRD and/or joint-inventor:	Matthew J. Kalos
Inventor's Signature:	Mother Ilalis	Date: 11/19/2003
Residence:	Tucson, Arizona	
Citizenship:	United States	
Post Office Address:	5435 East Heatherwood Way, Tucso	on, Arizona 85718
Full Name of Sole or	FOURTH and/or joint-inventor:	Chung M. Fung
Inventor's Signature:		Date:
Residence:	San Francisco, California	
Citizenship:	United States	
Post Office Address:	371 Mount Vernon Avenue, San Fra	ncisco California 04112

Page 1 of 3

IBM DOCKET: TUC920030144US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inve	ntor, I hereby declare that:		
My residence, post offic	ce address and citizenship are as state	d below next to my name;	
I believe I am the originventor (if plural name the invention entitled:	nal, first and sole inventor (if only s are listed below) of the subject man	one name is listed below) or an original, first ter which is claimed and for which a patent is s	and joint sought on
DECREASED RESPO	NSE TIME FOR PPRC WRITE (PERATION	
the specification of which	ch (check one)		
XX is attached hereto. was filed on as Application and was amend	Serial Numberled on	(if applicable).	
I hereby state that I have claims, as amended by a	re reviewed and understand the cont my amendment referred to above.	ents of the above identified specification, inclu	iding the
I acknowledge the duty Federal Regulations, Sec	to disclose information which is metion 1.56.	aterial to patentability as defined in Title 37.	Code of
for patent or inventor's	certificate listed below and have also	d States Code, Section 119 of any foreign application for polication for polication on which priority is claimed:	cation(s) patent or
Prior Foreign Application	n(s)		
Number	Country	Date	
below and, insofar as the States application in the acknowledge the duty to	e subject matter of each of the claim to manner provided by the first para to disclose information which is ma the initial between the courted between the	e, Section 120 of any United States applications of this application is not disclosed in the priograph of Title 35, United States Code, Section terial to patentability as defined in Title 37, se filing date of the prior application and the nate	r United n 112. I
Number	Date	<u>Status</u>	
I hereby declare that all	ateramenta mada kunin af	N N 1	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

TIDA	DOCKET: TI	100000201	AATIO
I DIAY	DULKELLI	/L_7/4/11/3111	441131

		IBM DOCKI	ET: TUC920030144US
DECLARATION A	ND POWER OF ATTOR	NEY FOR PATENT APPI	ICATION
Page 2 of 3		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
POWER OF ATTORN prosecute this application	EY: As a named inventor, I here and transact all business in the l	by appoint the following attorney(: Patent and Trademark Office conn	s) and/or agent(s) to ected therewith.
Dan Shifrin	#34,473	John H. Holcombe	#20,620
Jean M. Barkley	#39,541	Paik Saber	#37,494
Randall J. Bluestone	#40,518	Robert M. Sullivan	#39,391
Dale M. Crockatt	#35,109	John C. Kennel	#48,562
Abdy Raissinia	#38.686	John E. Hoel	#26,279
Edward A. Pennington	#32,588	Allen K. Bates	#50.276
William D. Gill	#44,124	Bryan W. Butler	#44,043
Christopher A. Hughes	#26,914	Barry J. Swanson	#33,215
Thomas D. Bratschun	#32,966	Margaret M. Wall	#33,462
Rosemary Kellogg	#39,726	Darla G. Yoerg	#48,053
Steven N. Hird	#51,112	James L. Brown	#48,576
Dan Shifrin Swanson & Bratschun, LI 1745 Shea Center Drive, S Highlands Ranch, Colorac CUSTOMER NUMBER DIRECT TELEPHONE Dan Shifrin 303.268.0066 303.268.0065 (FAX) CUSTOMER NUMBER S Full Name of Sole or FIR	LC Suite 330 do 80129 35825 CALLS TO:	James C. Chen	
Inventor's Signature:		Date:	
	eson, Arizona		
	nited States	_	
Post Office Address: 58	00 North Kolb Road, #E11161.	Tucson, Arizona 85750	
Full Name of Sole or SEC	COND and/or joint-inventor:	Minh-Ngoc L. Huynh	
Inventor's Signature:	the sold get	Date: 11/19/0	3
	n Jose, California		
Citizanchine II.	alread Crosse		

Citizenship: United States
Post Office Address: 6367 Pearlroth Drive, San Jose, California 95123

		IBM DOCKET: TUC920030144US1
DECLARATION	AND POWER OF ATTORN	EY FOR PATENT APPLICATION
Page 3 of 3		
Full Name of Sole or	THIRD and/or joint-inventor:	Matthew J. Kalos
Inventor's Signature:		Date:
Residence:	Tucson. Arizona	
	United States	
Post Office Address:	5435 East Heatherwood Way, Tucso	on, Arizona 85718
Full Name of Sole or	FOURTH and/or joint-inventor:	Chung M. Fung
Inventor's Signature:		
Residence:	San Francisco, California	
Citizenship:	United States	
Post Office Address:	371 Mount Vernon Avenue, San Fra	ncisco, California 94112

IBM DOCKET: TUC920030144US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 1 of 3

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DECREASED RESPONSE TIME FOR PPRC WRITE OPERATION

the specification of which (check one)

XX is attached hereto. __ was filed on as Application Serial Number and was amended on

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Number Country Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I scknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Number Date **Status**

I haveby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 f the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IBM DOCKET: TUC920030144US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 2 of 3

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Dan Shifrin	#34,473	John H. Halcombe	#20,620
Jean M. Barkley	#39,541	Paik Saber	#37,494
Randall J. Bluestone	#40,518	Robert M. Sullivan	#39,391
Dale M. Crockatt	#35,109	John C. Kennel	#48,562
Abdy Raissinia	#38,686	John E. Hoel	#26,279
Edward A. Pennington	#32,588	Allen K. Bates	#50,276
William D. Gill	#44,124	Bryan W. Butler	#44,043
Christopher A. Hughes	#26,914	Barry J. Swanson	#33,215
Thomas D. Bratschun	#32,966	Margaret M. Wall	#33,462
Rosemary Kellogg	#39,726	Darla G. Yoerg	#48,053
Steven N. Hird	#51,112	James L. Brown	#48,576

SEND CORRESPONDENCE TO:

Dan Shifrin Swanson & Bratschun, LLC 1745 Shea Center Drive, Suite 330 Highlands Ranch, Colorado 80129 **CUSTOMER NUMBER 35825**

DIRECT TELEPHONE CALLS TO:

Dan Shiftin 303.268.0066 303.268.0065 (FAX) **CUSTOMER NUMBER 35825**

Full Name of Sole or FIRST and/or joint-inventor: James C. Chen

Inventor's Signature:

Date:

Residence:

Tucson, Arizona

Citizenship:

United States

Post Office Address: 5800 North Kolb Road, #E11161, Tucson, Arizona85750

Full Name of Sole or SECOND and/or joint-inventor: Minh-Ngoc L. Huynh

Inventor's Signature:

Date:

Residence: Citizenship:

San Jose, California United States

Post Office Address: 6367 Pearlroth Drive, San Jose, California95123

IBM DOCKET: TUC920030144US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 3 of 3

Full Name of Sole or THIRD and/or joint-inventor: Matthew J. Kalos

Inventor's Signature:

Date:

Date: 11/20/03

Residence:

Tucson, Arizona

Citizenship:

United States Post Office Address: 5435 East Heatherwood Way, Tucson, Arizona85718

Full Name of Sole or FOURTH and/or joint-inventor:

Chung M. Fung

Inventor's Signature:

San Francisco, California

Residence: Citizenship;

United States

Post Office Address:

371 Mount Vernon Avenue, San Francisco, California94112